

Appl No. 10/697,614
Amdt. dated June 12, 2006
Reply to Final Office Action of January 10, 2006

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Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently amended) A transmitter for use in a tire condition monitoring apparatus in which the transmitter is mounted in a wheel of a vehicle by an automatic mounting machine, wherein the automatic mounting machine has a jig, the transmitter comprising:

a measuring-transmitting portion, which measures data representing the conditions of a tire mounted on the wheel, and transmits data indicating the condition of the tire;

a valve stem, which is inserted into the wheel for allowing air to flow into the tire, the valve stem having a base end; and

a casing for accommodating the measuring-transmitting portion, the casing being fixed to the base end of the valve stem ~~so as not to be movable relative to the valve stem~~, the casing having a recessed engagement portion, wherein the jig of the automatic mounting machine engages with the recessed engagement portion during mounting;

wherein the recessed engagement portion has a shape such that rotation of the casing relative to the jig is limited when held by the jig.

2. (Previously Presented) The transmitter according to claim 1, wherein the recessed engagement portion is located on an extension of a center axis line of the valve stem.

3. (Original) The transmitter according to claim 2, wherein the casing has an air hole that allows air to flow into the tire through the valve stem.

4-6. (Canceled)

7. (Currently amended) A transmitter for use in a tire condition monitoring apparatus in which the transmitter is mounted in a wheel of a vehicle by an automatic mounting machine, wherein the automatic mounting machine has a jig, the transmitter comprising:

a measuring-transmitting portion, which measures data representing the conditions of a

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tire mounted on the wheel, and transmits data indicating condition of the tire;

a valve stem, which is inserted into the wheel and allows air to flow into the tire, the valve stem having a base end and

a casing for accommodating the measuring-transmitting portion, the casing being fixed to the base end of the valve stem ~~so as not to be movable relative to the valve stem~~, wherein the casing has a recessed portion, wherein the jig of the automatic mounting machine engages with the recessed portion during mounting, ~~[[and]]~~ wherein the recessed portion is located on an extension of a center axis line of the valve stem so that a center axis line of the jig coincides with the center axis line of the valve stem when the jig engages with the recessed portion, and wherein the recessed portion has a shape such that rotation of the casing relative to the jig is limited when held by the jig.

8. (Original) The transmitter according to claim 7, wherein the recessed portion has an air hole that allows air to flow into the tire through the valve stem.

9. (Original) The transmitter according to claim 7, wherein, when the jig engages with the engagement portion, the casing is prevented from being rotated.

10. (New) The transmitter according to claim 3, wherein the air hole serves as the engagement recessed portion.

11. (New) The transmitter according to claim 7, wherein the air hole serves as the recessed portion.